



# Certificate of Analysis

Sample: DA10324004-003

Harvest/Lot ID: 00559

Cultivation Facility: N/A

Processing Facility: N/A

Seed to Sale #ZKF3C1

Batch Date : 03/23/21

Batch#: ZKF3C1

Sample Size Received: 31.5 gram

Total Weight/Volume: 700 units

Retail Product Size: 3.5 gram

Ordered : 03/23/21

sampled : 03/23/21

Completed: 03/26/21

Sampling Method: SOP.T.20.010

Mar 26, 2021 | The Flowery

Samples From:  
Homestead, FL, 33090, US

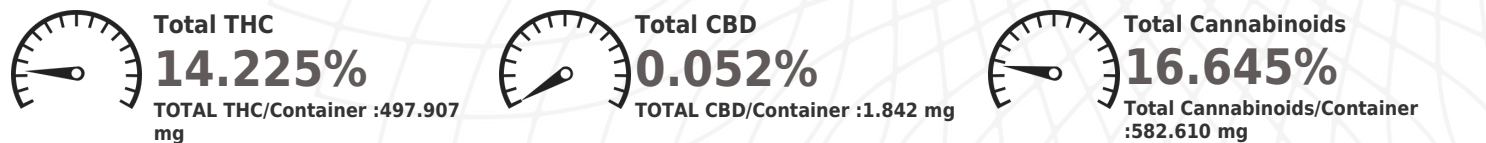
THE FLOWERY

**PASSED**

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PRODUCT IMAGE	SAFETY RESULTS								MISC.
	 Pesticides <b>PASSED</b>	 Heavy Metals <b>PASSED</b>	 Microbials <b>PASSED</b>	 Mycotoxins <b>PASSED</b>	 Residuals Solvents <b>NOT TESTED</b>	 Filtration <b>PASSED</b>	 Water Activity <b>PASSED</b>	 Moisture <b>PASSED</b>	 Terpenes <b>TESTED</b>

## CANNABINOID RESULTS



	CBDV	CBD	CBGA	CBG	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	ND	0.0600	0.3420	0.0100	ND	ND	0.1790	0.0110	0.0270	16.0170
mg/g	ND	0.6000	3.4200	0.1000	ND	ND	1.7900	0.1100	0.2700	160.1699
LOD	0.0010	0.0010	0.0010	0.0010	0.0001	0.0010	0.0001	0.0010	0.0010	0.0010
%	%	%	%	%	%	%	%	%	%	%

Filtration	PASSED
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Analyzed By	Weight	Extraction date	Extracted By
457	NA	NA	NA
Filtration and Foreign Material			
Analysis Method -SOP.T.40.013			
Analytical Batch -DA024254FIL			
Instrument Used : Filtration/Foreign Material Microscope			

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is used for inspection.

Water Activity	PASSED
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Analyte	Analyzed by	Weight	Ext. date	LOD	A.L	Result
WATER ACTIVITY	457	NA	NA	0.1 aw	0.65aw	0.598aw
Analysis Method -Water Activity						
SOP.T.40.010						
Analytical Batch -DA024249WAT						
Instrument Used : DA-028 Rotronic Hygropalm						

Moisture	PASSED
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Analyte	Analyzed by	Weight	Ext. date	LOD	A.L	Result
MOISTURE CONTENT	457	NA	NA	1 %	15%	13.080%
Analysis Method -Moisture						
Analysis SOP.T.40.011						
Analytical Batch -DA024247MOI						
Instrument Used : DA-003 Moisture Analyzer						

## Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
450	0.2024g	03/24/21 01:03:03	2198
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 03/25/21 10:44:31	
Analytical Batch -DA024242POT		Batch Date : 03/24/21 09:45:22	
Reagent	Dilution	Consums. ID	
031521.R47	400	287035261	
030921.32		11945-019CD-019C	
032221.R53		76262-590	
		914C4-914AK	
		929C6-929H	

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L).

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Jorge Segredo  
Lab Director

State License # CMTL-0002  
ISO Accreditation # ISO/IEC  
17025:2017 Accreditation  
PJLA-Testing 97164

  
Signature

03/26/21

Signed On



# Certificate of Analysis

**PASSED**

Samples From:  
 Homestead, FL, 33090, US  
**Telephone:** (321) 266-2467  
**Email:** osivan@moozacapital.com

**Sample : DA10324004-003**
**Harvest/LOT ID: 00559**
**Batch# : ZKF3C1**
**Sampled : 03/23/21**
**Ordered : 03/23/21**
**Sample Size Received : 31.5 gram**
**Total Weight/Volume : 700 units**
**Completed : 03/26/21 Expires: 03/26/22**
**Sample Method : SOP.T.20.010**

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## Terpenes

**TESTED**

Terpenes	LOD(%)	mg/g	%	Result (%)	Terpenes	LOD(%)	mg/g	%	Result (%)
CAMPHENE	0.007	< 0.2	< 0.020		TERPINEOL	0.007	0.553	0.055	
BETA-MYRCENE	0.007	1.383	0.138		GERANIOL	0.007	0.204	0.020	
ALPHA-PHELLANDRENE	0.007	ND	ND		PULEGONE	0.007	ND	ND	
3-CARENE	0.007	ND	ND		ALPHA-CEDRENE	0.007	ND	ND	
OCIMENE	0.007	ND	ND		ALPHA-HUMULENE	0.007	3.587	0.358	
EUCALYPTOL	0.007	ND	ND		TRANS-NEROLIDOL	0.007	1.117	0.111	
LINALOOL	0.007	1.709	0.170		GUAJOL	0.007	ND	ND	
FENCHONE	0.007	ND	ND						
ISOPULEGOL	0.007	ND	ND						
ISOBORNEOL	0.007	ND	ND						
HEXAHYDROTHYMOL	0.007	ND	ND						
NEROL	0.007	ND	ND						
GERANYL ACETATE	0.007	ND	ND						
BETA-CARYOPHYLLENE	0.007	10.175	1.017						
VALENCENE	0.007	ND	ND						
CIS-NEROLIDOL	0.007	ND	ND						
CARYOPHYLLENE OXIDE	0.007	< 0.2	< 0.020						
CEDROL	0.007	ND	ND						
FARNESENE	0.007	0.633	0.063						
ALPHA-BISABOOL	0.007	0.744	0.074						
ALPHA-PINENE	0.007	0.543	0.054						
SABINENE	0.007	ND	ND						
BETA-PINENE	0.007	0.729	0.072						
ALPHA-TERPINENE	0.007	ND	ND						
LIMONENE	0.007	5.790	0.579						
GAMMA-TERPINENE	0.007	ND	ND						
TERPINOLENE	0.007	0.071	0.007						
SABINENE HYDRATE	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	ND	ND						
CAMPOR	0.013	ND	ND						
BORNEOL	0.013	< 0.4	< 0.040						
<b>Total (%)</b>		2.717							



## Terpenes

**TESTED**

**Analyzed by** 1351 **Weight** 0.9789g **Extraction date** 03/24/21 10:03:53 **Extracted By** 1351

**Analysis Method -SOP.T.40.090**
**Analytical Batch -DA024187TER**
**Reviewed On - 03/26/21 07:57:41**
**Instrument Used : DA-GCMS-004**
**Running On : 03/25/21 07:39:41**
**Batch Date : 03/23/21 10:59:28**

Reagent	Dilution	Consums. ID
032221.R01	10	287035261
032221.R02		12499404
032221.R03		76262-590
030821.R06		

Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography - Mass Spectrometer) which can screen 38 terpenes using Method SOP.T.40.091 Terpenoid Analysis Via GC/MS.



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**Harvest/LOT ID:** 00559

**Batch# :** ZKF3C1

**Sampled :** 03/23/21

**Ordered :** 03/23/21

**Sample Size Received :** 31.5 gram

**Total Weight/Volume :** 700 units

**Completed :** 03/26/21 **Expires:** 03/26/22

**Sample Method :** SOP.T.20.010

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## Pesticides

**PASSED**

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.1	ND	PYRETHRINS	0.05	ppm	0.5	ND
ACEPHATE	0.01	ppm	0.1	ND	PYRIDABEN	0.02	ppm	0.2	ND
ACEQUINOCYL	0.01	ppm	0.1	ND	SPIROMESIFEN	0.01	ppm	0.1	ND
ACETAMIPRID	0.01	ppm	0.1	ND	SPIROTETRAMAT	0.01	ppm	0.1	ND
ALDICARB	0.01	ppm	0.1	ND	SPIROXAMINE	0.01	ppm	0.1	ND
AZOXYSTROBIN	0.01	ppm	0.1	ND	TEBUCONAZOLE	0.01	ppm	0.1	ND
BIFENAZATE	0.01	ppm	0.1	ND	THIACLOPRID	0.01	ppm	0.1	ND
BIFENTHRIN	0.01	ppm	0.1	ND	THIAMETHOXAM	0.05	ppm	0.5	ND
BOSCALID	0.01	PPM	0.1	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0.01	PPM	5	ND
CARBARYL	0.05	ppm	0.5	ND	TOTAL DIAZINON	0.01	PPM	0.1	ND
CARBOFURAN	0.01	ppm	0.1	ND	TOTAL DIMETHOMORPH	0.02	PPM	0.2	ND
CHLORANTRANILIPROLE	0.1	ppm	1	ND	TOTAL PERMETHRIN	0.01	ppm	0.1	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	1	ND	TOTAL SPINETORAM	0.02	PPM	0.2	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	TOTAL SPINOSAD	0.01	ppm	0.1	ND
CLOFENTEZINE	0.02	ppm	0.2	ND	TRIFLOXYSTROBIN	0.01	ppm	0.1	ND
COUMAPHOS	0.01	ppm	0.1	ND	PENTACHLORONITROBENZENE (PCNB)	0.01	PPM	0.15	ND
DAMINOZIDE	0.01	ppm	0.1	ND	PARATHION-METHYL *	0.01	PPM	0.1	ND
DICHLORVOS	0.01	ppm	0.1	ND	CAPTAN *	0.025	PPM	0.7	ND
DIMETHOATE	0.01	ppm	0.1	ND	CHLORDANE *	0.01	PPM	0.1	ND
ETHOPROPHOS	0.01	ppm	0.1	ND	CHLORFENAPYR *	0.01	PPM	0.1	ND
ETOFENPROX	0.01	ppm	0.1	ND	CYFLUTHRIN *	0.01	PPM	0.5	ND
ETOXAZOLE	0.01	ppm	0.1	ND	CYPERMETHRIN *	0.01	PPM	0.5	ND
FENHEXAMID	0.01	ppm	0.1	ND					
FENOXYCARB	0.01	ppm	0.1	ND					
FENPYROXIMATE	0.01	ppm	0.1	ND					
FIPRONIL	0.01	ppm	0.1	ND					
FLONICAMID	0.01	ppm	0.1	ND					
FLUDIOXONIL	0.01	ppm	0.1	ND					
HEXYTHIAZOX	0.01	ppm	0.1	ND					
IMAZALIL	0.01	ppm	0.1	ND					
IMIDACLOPRID	0.04	ppm	0.4	ND					
KRESOXIM-METHYL	0.01	ppm	0.1	ND					
MALATHION	0.02	ppm	0.2	ND					
METALAXYL	0.01	ppm	0.1	ND					
METHIOCARB	0.01	ppm	0.1	ND					
METHOMYL	0.01	ppm	0.1	ND					
MEVINPHOS	0.01	ppm	0.1	ND					
MYCLOBUTANIL	0.01	ppm	0.1	ND					
NALED	0.025	ppm	0.25	ND					
OXAMYL	0.05	ppm	0.5	ND					
PACLOBUTRAZOL	0.01	ppm	0.1	ND					
PHOSMET	0.01	ppm	0.1	ND					
PIPERONYL BUTOXIDE	0.3	ppm	3	ND					
PRALLETHRIN	0.01	ppm	0.1	ND					
PROPICONAZOLE	0.01	ppm	0.1	ND					
PROPOXUR	0.01	ppm	0.1	ND					



## Pesticides

**PASSED**
**Analyzed by**
**585 , 1665**
**Weight**

0.8728g

**Extraction date**

03/24/21 10:03:34

**Extracted By**

1665 , 1665

**Analysis Method :** SOP.T.30.065, SOP.T.40.065, SOP.T.40.066, SOP.T.40.070 , SOP.T.30.065, SOP.T.40.070

**Analytical Batch :** DA024245PES , DA024236VOL

**Reviewed On :** 03/24/21 11:40:17

**Instrument Used :** DA-LCMS-003 (PES) , DA-GCMS-001

**Running On :** 03/24/21 16:18:44 , 03/24/21 12:57:02

**Batch Date :** 03/24/21 09:47:44

**Reagent**

010421.R86

123020.R30

031721.R08

020220.S18

02421.R07

**Dilution**

25

**Consums. ID**

6524407-03

Pesticide screen is performed using LC-MS and/or GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 67 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and GCMSMS. SOP.T.40.065/SOP.T.40.066/SOP.T.40.070 Procedure for Pesticide Quantification Using LCMS and GCMS). \* Volatile Pesticide screening is performed using GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Analytes marked with an asterisk were tested using GC-MS.

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**Jorge Segredo**

Lab Director

State License # CMTL-0002

ISO Accreditation # ISO/IEC

17025:2017 Accreditation

PJLA-Testing 97164

Signature

03/26/21

Signed On






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**Ordered : 03/23/21**
**Sample Size Received : 31.5 gram**
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**Completed : 03/26/21 Expires: 03/26/22**
**Sample Method : SOP.T.20.010**
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	<b>Microbials</b>	<b>PASSED</b>
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Analyte	LOD	Result	Action Level (cfu/g)
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.	
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.	
ASPERGILLUS_FLAVUS		not present in 1 gram.	
ASPERGILLUS_FUMIGATUS		not present in 1 gram.	
ASPERGILLUS_TERREUS		not present in 1 gram.	
ASPERGILLUS_NIGER		not present in 1 gram.	
TOTAL YEAST AND MOLD	10	6000 CFU	100000

**Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041**
**Analytical Batch -DA024227MIC , DA024228TYM Batch Date : 03/24/21, 03/24/21**
**Instrument Used : PathogenDx Scanner DA-111,**
**Running On : 03/24/21, 03/24/21**

Analyzed by	Weight	Extraction date	Extracted By
1829, 513	1.0217g	03/24/21	513,

Reagent	Consums. ID	Consums. ID	Consums. ID	Consums. ID
011121.44	33CMNF	2804029	2807014	2811021
021121.13	200103-274	2803033	2810026A	20324
	3110	D012	2809006	012020
	218917	D011	040	009C6-009
	11.12.2020.MIC	A15	2804032	200507119C
	11989-024CC-024	A12	2808009	914C4-914AK

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing. Pour-plating is used for quantitation and confirmation, Total Yeast and Mold has an action limit of 100,000 CFU.

	<b>Mycotoxins</b>	<b>PASSED</b>
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Analyte	LOD	Units	Result	Action Level (PPM)
AFLATOXIN G2	0.002	ppm	ND	0.02
AFLATOXIN G1	0.002	ppm	ND	0.02
AFLATOXIN B2	0.002	ppm	ND	0.02
AFLATOXIN B1	0.002	ppm	ND	0.02
TOTAL OCHRATOXIN A	0.002	PPM	ND	0.02

**Analysis Method -SOP.T.30.065, SOP.T.40.065**
**Analytical Batch -DA024246MYC | Reviewed On - 03/25/21 12:55:17**
**Instrument Used :**
**Running On : 03/24/21 16:18:36**
**Batch Date : 03/24/21 09:49:00**

Analyzed by	Weight	Extraction date	Extracted By
585	NA	03/24/21 03:03:31	585

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T.40.065 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Aflatoxin B1, B2, G1, and G2 must individually be <20ug/Kg. Ochratoxins must be <20ug/Kg.

	<b>Heavy Metals</b>	<b>PASSED</b>
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Reagent	Reagent	Dilution	Consums. ID
032321.R12	031621.R35	100	89401-566
031921.R21	032221.R09		
031721.R16	090420.14		
032221.R51	030420.08		
040521.R01	030121.26		
030121.R42			

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	PPM	<0.100	0.2
CADMIUM	0.02	PPM	ND	0.2
MERCURY	0.02	PPM	<0.100	0.2
LEAD	0.05	PPM	ND	0.5

Analyzed by	Weight	Extraction date	Extracted By
1022	0.2546g	03/24/21 11:03:40	1879

**Analysis Method -SOP.T.40.050, SOP.T.30.052**
**Analytical Batch -DA024248HEA | Reviewed On - 03/26/21 14:50:08**
**Instrument Used : DA-ICPMS-002**
**Running On : 03/26/21 09:39:01**
**Batch Date : 03/24/21 10:12:50**

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS.

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**Jorge Segredo**  
 Lab Director

 State License # CMTL-0002  
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 PJLA-Testing 97164

  
 Signature

03/26/21

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